RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/528,928_
Source: _PCT_
Date Processed by STIC: _4-6-05_

ENTERED

Serial Number: 10/528,928 : CRF Edit Date: 4-6-05
Edited by: ZL

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

✓ Deleted: ✓ invalid beginning/end-of-file text ; ____ page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

_____

____ Moved responses to same line as heading/numeric identifier, specifically:

_____

____ Other:

_____
_____
_____

PCT

```
 9 <110> APPLICANT: Janssen Pharmaceutica N.V.
11 <120> TITLE OF INVENTION: Amyloid-Beta monoclonal antibodies, compositions, methods
and uses
13 <130> FILE REFERENCE: PRD 32
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/528,928
C--> 15 <141> CURRENT FILING DATE: 2005-03-23
15 <150> PRIOR APPLICATION NUMBER: PCT/EP02/11062
16 <151> PRIOR FILING DATE: 2002-09-27
18 <160> NUMBER OF SEQ ID NOS: 12
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 5
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Immunogen consisting of the first 5 amino acids of the BACE1
clea
29        vage site of human amyloid beta
31 <400> SEQUENCE: 1
33 Glu Val His His Gln
34 1               5
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 7
39 <212> TYPE: PRT
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Immunogen consisting of the first 7 amino acids of the BACE1
clea
44        vage site of human amyloid beta
46 <400> SEQUENCE: 2
48 Glu Val His His Gln Lys Ile
49 1               5
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 5
54 <212> TYPE: PRT
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Immunogen consisting of the first 5 amino acids of the BACE1
clea
59        vage site of mouse amyloid beta
61 <400> SEQUENCE: 3
63 Glu Val Arg His Gln
64 1               5
67 <210> SEQ ID NO: 4
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68 <211> LENGTH: 7
69 <212> TYPE: PRT
70 <213> ORGANISM: Artificial Sequence
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Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\04062005\J528928.raw**

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     73 <223> OTHER INFORMATION: Immunogen consisting of the first 7 amino acids of the BACE1
clea
     74          vage site of mouse amyloid beta
     76 <400> SEQUENCE: 4
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     79 1               5
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     84 <212> TYPE: PRT
     85 <213> ORGANISM: Mus sp.
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W--> 88 <221> NAME/KEY: CDR1
     89 <222> LOCATION: (50)..(54)
     90 <223> OTHER INFORMATION:
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     95 <222> LOCATION: (69)..(85)
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W--> 100 <221> NAME/KEY: CDR3
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    108 1               5               10                  15
    111 Ile Asn Ser Glu Gly Gln Leu Gln Gln Ser Gly Ala Glu Leu Val Arg
    112             20                  25                  30
    115 Ser Gly Ala Ser Leu Lys Leu Ser Cys Thr Ala Ser Gly Phe Asn Ile
    116         35                  40                  45
    119 Lys Asp His Tyr Val His Trp Val Arg Gln Arg Pro Glu Gln Gly Leu
    120     50                  55                  60
    123 Asp Trp Ile Gly Trp Ile Ala Pro Lys Asn Gly Tyr Ser Glu Ser Ala
    124 65                  70                  75                  80
    127 Pro Lys Phe Gln Gly Lys Ala Ser Met Thr Ala Asp Thr Ser Ser Asn
    128             85                  90                  95
    131 Thr Val Tyr Leu Gln Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Val
    132             100                 105                 110
    135 Tyr Tyr Cys Phe Ala Gly Phe Tyr Asp Ser Ser Leu Tyr Trp Gly Gln
    136             115                 120                 125
    139 Gly Thr Thr Leu Thr Val Ser Ser
    140     130                 135
    143 <210> SEQ ID NO: 6
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    145 <212> TYPE: PRT
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    148 <220> FEATURE:
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    151 <223> OTHER INFORMATION:
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RAW SEQUENCE LISTING   DATE: 04/06/2005
PATENT APPLICATION: US/10/528,928   TIME: 15:30:37

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\04062005\J528928.raw

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        169 1               5                   10                  15
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        173             20                  25                  30
        176 Val Thr Ile Gly Gln Pro Ala Ser Ile Ser Cys Lys Ser Gly Gln Ser
        177         35                  40                  45
        180 Leu Leu Ala Arg Asp Gly Lys Thr Tyr Leu Ser Trp Leu Leu Gln Arg
        181     50                  55                  60
        184 Pro Gly Gln Ser Pro Lys Arg Leu Ile Tyr Leu Val Ser Lys Leu Asp
        185 65                  70                  75                  80
        188 Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe
        189             85                  90                  95
        192 Thr Leu Lys Ile Asn Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Tyr
        193             100                 105                 110
        196 Cys Trp Gln Gly Thr His Phe Pro Arg Thr Phe Gly Gly Gly Thr Asn
        197         115                 120                 125
        200 Leu Glu Ile Lys Arg
        201     130
        204 <210> SEQ ID NO: 7
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        209 <220> FEATURE:
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        212 <223> OTHER INFORMATION:
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        217 <222> LOCATION: (69)..(85)
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W--> 221 <220>
W--> 222 <221> NAME/KEY: CDR3
        223 <222> LOCATION: (118)..(122)
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        230 1               5                   10                  15
        233 Val Leu Ser Glu Val Gln Leu Gln Gln Ser Gly Pro Asp Leu Val Lys
        234             20                  25                  30
        237 Pro Gly Ala Ser Val Lys Thr Ser Cys Lys Thr Ser Gly Tyr Ser Phe
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```
238           35                    40                    45
241 Thr Glu Tyr Ile Met Ser Trp Val Arg Gln Ser His Gly Lys Ser Leu
242     50                  55                  60
245 Glu Trp Ile Gly Ser Ile Asn Pro Asn Thr Gly Gly Ser Arg Tyr Asn
246 65                  70                  75                  80
249 Gln Lys Phe Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser
250                 85                  90                  95
253 Thr Ala Tyr Met Glu Phe Arg Ser Leu Thr Ser Glu Asp Ser Ala Val
254             100                 105                 110
257 Tyr Tyr Cys Ala Arg Gly Asp Phe Asp Tyr Trp Gly Gln Gly Thr Thr
258         115                 120                 125
261 Leu Thr Val Ser Ser
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268 <213> ORGANISM: Mus sp.
270 <220> FEATURE:
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W--> 271 `<221> NAME/KEY: CDR1`

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273 <223> OTHER INFORMATION:
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W--> 277 `<221> NAME/KEY: CDR2`

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279 <223> OTHER INFORMATION:
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W--> 282 `<220>`

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284 <222> LOCATION: (114)..(122)
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W--> 288 `<400> 8`

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291 1               5                   10                  15
294 Gly Ser Thr Ala Asp Ile Val Met Thr Gln Ala Ala Phe Ser Asn Pro
295             20                  25                  30
298 Val Thr Leu Gly Thr Ser Ala Ser Ile Ser Cys Arg Ser Ser Lys Asn
299         35                  40                  45
302 Leu Leu His Ser Asn Gly Ile Thr Tyr Leu Tyr Trp Tyr Leu Gln Arg
303     50                  55                  60
306 Pro Gly Gln Ser Pro Gln Leu Leu Ile Ser Arg Val Ser Asn Leu Ala
307 65                  70                  75                  80
310 Ser Gly Val Pro Asn Arg Phe Ser Gly Ser Glu Ser Gly Thr Asp Phe
311             85                  90                  95
314 Thr Leu Arg Ile Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr
315             100                 105                 110
318 Cys Ala Gln Leu Leu Glu Leu Pro Phe Thr Phe Gly Ser Gly Thr Lys
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322 Leu Glu Ile Lys Arg
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         333 <222> LOCATION: (50)..(54)
         334 <223> OTHER INFORMATION:
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         339 <222> LOCATION: (69)..(85)
         340 <223> OTHER INFORMATION:
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W--> 344 <221> NAME/KEY: CDR3
         345 <222> LOCATION: (118)..(127)
         346 <223> OTHER INFORMATION:
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         351 Met Glu Trp Thr Trp Val Phe Leu Phe Leu Leu Ser Val Thr Ala Gly
         352 1           5                   10                  15
         355 Val His Ser Gln Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Met Lys
         356             20              -   25                  30
         359 Pro Gly Ala Ser Val Lys Ile Ser Cys Lys Ala Thr Gly Tyr Thr Phe
         360             35                  40                  45
         363 Ser Thr Ser Trp Ile Glu Trp Ile Lys Gln Arg Pro Gly His Gly Leu
         364         50                  55                  60
         367 Glu Trp Ile Gly Glu Val Leu Pro Gly Ser Gly Lys Ser Asn His Asn
         368 65                  70                  75                  80
         371 Ala Asn Phe Lys Gly Arg Ala Thr Phe Thr Ala Asp Thr Ala Ser Asn
         372                 85                  90                  95
         375 Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val
         376             100                 105                 110
         379 Tyr Tyr Cys Ala Arg Glu Gly Ser Asn Asn Asn Ala Leu Ala Tyr Trp
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         401 <223> OTHER INFORMATION:
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         406 <222> LOCATION: (110)..(117)
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VERIFICATION SUMMARY   DATE: 04/06/2005
PATENT APPLICATION: **US/10/528,928**   TIME: 15:30:38

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\04062005\J528928.raw**

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L:15  M:270 C: Current Application Number differs, Replaced Current Application No
L:15  M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:88  M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:94  M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:99  M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:90
L:100 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:105 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:96
L:105 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:102
L:149 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:155 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:160 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:151
L:161 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:166 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:157
L:166 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:163
L:210 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:216 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
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L:222 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:227 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:218
L:227 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:224
L:271 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:277 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:282 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:273
L:283 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
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L:332 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9
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PATENT APPLICATION: **US/10/528,928**   TIME: 15:30:38

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\04062005\J528928.raw**

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